

PTO/SB/08A (08-03)

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Subsidiary Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2**Complete if Known**

Application Number	
Filing Date	Concurrently
First Named Inventor	Dwain E. Morse
Art Unit	
Examiner Name	
Attorney Docket Number	MARVIN-44024

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JME		US- 4,022,696	05-10-1977	Krofta	
		US- 5,538,631	07-23-1996	Yeh	
		US- 4,279,743	07-21-1981	Miller	
		US- 4,838,434	06-13-1989	Miller	
		US- 4,997,549	03-05-1991	Atwood	
		US- 6,106,711	08-22-2000	Morse	
		US- 6,171,488	01-09-2001	Morse	
		US- 4,339,027	07-1982	Lauer	
		US- 4,397,741	08-1983	Miller	
		US- 4,744,890	05-1988	Miller	
		US- 5,139,663	08-1992	Maples	
		US- 5,151,177	09-1992	Roshanravan et al.	
		US- 5,160,610	11-1992	O'Reilly	
		US- 5,199,684	04-1993	Maples	
		US- 5,224,604	07-1993	Duczmal et al.	
		US- 5,275,732	01-1994	Wang et al.	
		US- 5,382,358	01-1995	Yeh	
		US- 5,492,630	02-1996	Roshanravan et al.	
		US- 5,529,190	06-1996	Calton et al.	

**FOREIGN PATENT DOCUMENTS**

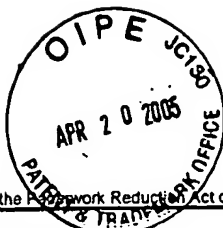
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)				
JME		WO 94/17920 PCT	08/18/1994	MD Research		
		SU 1555293 A1 USSR	04/07/1990			
		WO 96/12678 PCT	05/02/1996	Mastrans A.S.		

Examiner  
Signature*T. Little*Date  
Considered*June 2005*

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Sheet 2 of 2**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
ME		US- 5,529,701	06-1996	Grisham et al.	
		US- 5,531,904	07-1996	Grisham et al.	
		US- 5,662,790	09-1997	Carlton et al.	
		US- 4,067,813	01-1978	Pielkenrood	
		US- 4,377,485	03-1983	Krofta	
		US- 5,120,435	06-1992	Fink	
		US- 5,160,611	11-1992	Krofta	
		US- 2,360,811	10-1944	Kelly et al.	
		US- 3,917,526	11-1975	Jenning	
		US- 5,514,2882	05-1996	Hibbard et al.	
ME		US- 5,591,348	01-1997	Felder et al.	
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Signature

T. L. Hugen

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